



În perioada **2022.08.01 – 2022.08.31**

*Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observații orice persoană fizică sau juridică, la adresa [asro@asro.ro](mailto:asro@asro.ro). Proiectele pot fi obținute de la ASRO precizând indicativul și titlul proiectului. Termenul limită până la care se pot trimite comentarii este cu 30 zile calendaristice înainte de termenul limită de vot (dea), indicat după fiecare proiect.*

## **ISO/IEC JTC 1      TEHNOLOGIA INFORMATIEI**

### **ISO/IEC DIS 3532-2**

Information technology — 3D Printing and scanning — Medical image-Based modelling — Part 2: Segmentation  
dea: 2022-10-27

### **ISO/IEC 7816-8:2021/DAmD 1**

Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations — Amendment 1: Interoperability for the interchange of security operations using quantum safe cryptography  
dea: 2022-11-15

### **ISO/IEC DIS 17917**

Smart cities — Guidance to establishing a decision-making framework for sharing data and information services  
dea: 2022-10-27

### **ISO/IEC DIS 23090-12/DAmD 1**

Information technology — Coded representation of immersive media — Part 12: MPEG Immersive video — Amendment 1: V3C extension mechanism  
dea: 2022-10-26

### **ISO/IEC DIS 23090-5/DAmD 1**

Information technology — Coded representation of immersive media — Part 5: Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC) — Amendment 1: V3C extension mechanism and payload type  
dea: 2022-10-28

### **ISO/IEC FDIS 23090-15/DAmD 1**

Information technology — Coded representation of immersive media — Part 15: Conformance testing for versatile video coding — Amendment 1: Operation range extensions  
dea: 2022-11-15

### **ISO/IEC 23094-1:2020/DAmD 1**

Information technology — General video coding — Part 1: Essential video coding — Amendment 1: Green metadata supplemental enhancement information  
dea: 2022-10-26

**ISO/IEC DIS 24773-4**

Software and Systems Engineering — Certification of software and systems engineering professionals — Part 4: Software engineering  
dea: 2022-11-01

**ISO/IEC DIS 24789-1**

Identification cards — Card service life — Part 1: Application profiles and requirements  
dea: 2022-11-09

**ISO/IEC DIS 24789-2**

Identification cards — Card service life — Part 2: Methods of evaluation  
dea: 2022-11-10

**ISO/IEC DIS 30134-7**

Information Technology — Data centres key performance indicators — Part 7: Cooling Efficiency Ratio (CER)  
dea: 2022-10-25

**ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA****ISO/DIS 3725**

Ships and marine technology — Aquatic nuisance species — Methods for evaluating the performance of compliance monitoring devices for ballast water discharges  
dea: 2022-11-10

**ISO/TC 20 AERONAUTICA SI SPATIU****ISO/DIS 5109**

Evaluation method for the resonance frequency of the multi-copter UA by measurement of rotor and body frequencies  
dea: 2022-10-27

**ISO/DIS 5491**

Vertiports — Infrastructure and equipment for Vertical Take-Off and Landing (VTOL) of electrically powered cargo Unmanned Aircraft System (UAS)  
dea: 2022-10-24

**ISO/DIS 17689**

Space systems — Interface control documents between ground systems, ground support equipment and launch vehicle with payload  
dea: 2022-11-04

**ISO/DIS 23460**

Space projects — Programme management — Dependability assurance requirements  
dea: 2022-11-03

**ISO/TC 22 VEHICULE RUTIERE****ISO/DIS 11992-4**

Road vehicles — Interchange of digital information on electrical connections between towing

and towed vehicles — Part 4: Diagnostic communication  
dea: 2022-10-27

**ISO/DIS 20766-5**

Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 5: Fuel selection system and electrical installations  
dea: 2022-10-26

**ISO/TC 23    TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE**

**ISO/DIS 6534**

Forestry machinery — Portable chain-saw hand-guards — Mechanical strength  
dea: 2022-11-01

**ISO/DIS 7914**

Forestry machinery — Portable chain-saws — Minimum handle clearance and sizes  
dea: 2022-11-01

**ISO 8437-4:2019/DAmD 1**

Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements — Amendment 1  
dea: 2022-11-15

**ISO/DIS 10975**

Agricultural machinery and tractors — Auto-guidance systems for operator-controlled tractors and self-propelled machines — Safety requirements  
dea: 2022-10-24

**ISO/DIS 18497-2**

Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 2: Design principles for obstacle protection systems  
dea: 2022-10-24

**ISO/DIS 23117-1**

Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 1: Environmental requirements  
dea: 2022-10-31

**ISO/TC 27    COMBUSTIBILI MINERALI SOLIZI**

**ISO/DIS 4077**

Coal — Guidance for sampling in coal preparation plants  
dea: 2022-10-27

**ISO/DIS 5146**

Coal and Coke — Coal preparation plant — Density tracer testing for measuring performances of coal density separators  
dea: 2022-11-09

**ISO/TC 28    PRODUSE PETROLIERE SI LUBRIFIANTI**

**ISO/DIS 17308**

Petroleum products and other liquids — Ethanol — Determination of electrical conductivity  
dea: 2022-11-04

**ISO/TC 29 SCULE MICI****ISO/DIS 9182-1**

Tools for pressing — Guide pillars — Part 1: Types  
dea: 2022-11-04

**ISO/DIS 9182-2**

Tools for pressing — Guide pillars — Part 2: Type A, straight pillars  
dea: 2022-11-03

**ISO/DIS 9182-3**

Tools for pressing — Guide pillars — Part 3: Type B, end-locking pillars  
dea: 2022-11-03

**ISO/DIS 9182-4**

Tools for pressing — Guide pillars — Part 4: Type C, pillars with taper lead and bush  
dea: 2022-11-07

**ISO/DIS 9182-5**

Tools for pressing — Guide pillars — Part 5: Type D, end-locking pillars with flange  
dea: 2022-11-03

**ISO/TC 34 PRODUSE ALIMENTARE****ISO/DIS 20631**

Infant formula and adult nutritionals – Determination of total folates content by trienzyme extraction and ultra-performance liquid chromatography tandem mass spectrometry (UPLC-MS/MS)  
dea: 2022-11-08

**ISO/TC 38 TEXTILE****ISO/DIS 5157**

Textiles — Environmental aspects — Vocabulary  
dea: 2022-11-10

**ISO/DIS 17751-1**

Textiles — Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends — Part 1: Light microscopy method  
dea: 2022-11-17

**ISO/DIS 17751-2**

Textiles — Quantitative analysis of cashmere, wool, other specialty animal fibres and their blends — Part 2: Scanning electron microscopy method  
dea: 2022-11-17

**ISO/DIS 18782**

Textiles — Determination of dynamic hygroscopic heat generation  
dea: 2022-11-16

**ISO/TC 42 FOTOGRAFIE****ISO/DIS 18946**

Imaging materials — Reflection colour photographic prints — Method for testing humidity fastness  
dea: 2022-10-26

**ISO/TC 44 SUDARE SI PROCEDEE CONEXE****ISO/DIS 9455-17**

Soft soldering fluxes — Test methods — Part 17: Surface insulation resistance comb test and electrochemical migration test of flux residues  
dea: 2022-10-24

**ISO/DIS 15613**

Specification and qualification of welding procedures for metallic materials — Qualification based on a pre-production welding test  
dea: 2022-10-25

**ISO/DIS 15614-11**

Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 11: Electron and laser beam welding  
dea: 2022-10-26

**ISO/TC 45 ELASTOMERI SI PRODUSE PE BAZA DE ELASTOMERI****ISO/DIS 9924-1**

Rubber and rubber products — Determination of the composition of vulcanizates and uncured compounds by thermogravimetry — Part 1: Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers  
dea: 2022-10-25

**ISO/TC 46 INFORMARE SI DOCUMENTARE****ISO/DIS 11798**

Information and documentation — Permanence and durability of writing, printing and copying on paper — Requirements and test methods  
dea: 2022-10-27

**ISO/TC 60 ANGRENAJE****ISO/DIS 10300-1**

Calculation of load capacity of bevel gears — Part 1: Introduction and general influence factors  
dea: 2022-10-31

**ISO/DIS 10300-2**

Calculation of load capacity of bevel gears — Part 2: Calculation of surface durability (pitting)  
dea: 2022-10-28

**ISO/DIS 10300-3**

Calculation of load capacity of bevel gears — Part 3: Calculation of tooth root strength  
dea: 2022-10-31

**ISO/TC 61     MATERIALE PLASTICE****ISO/DIS 1663**

Rigid cellular plastics — Determination of water vapour transmission properties  
dea: 2022-11-07

**ISO/TC 67     MATERIALE, ECHIPAMENT SI STRUCTURI MARINE PENTRU INDUSTRIILE  
PETROLULUI SI GAZELOR NATURALE****ISO/DIS 19901-3**

Petroleum and natural gas industries — Specific requirements for offshore structures — Part 3:  
Topsides structure  
dea: 2022-10-26

**ISO/DIS 24201**

Petroleum, petrochemical and natural gas industries — Bulk material for offshore projects —  
Tertiary outfitting structures  
dea: 2022-11-15

**ISO/DIS 24202**

Petroleum, petrochemical and natural gas industries — Bulk material for offshore projects —  
Monorail beam and padeye  
dea: 2022-11-15

**ISO/TC 69     APLICATII ALE METODELOR STATISTICE****ISO/DIS 5725-3.2**

Accuracy (trueness and precision) of measurement methods and results — Part 3: Intermediate  
precision and alternative designs for collaborative studies  
dea: 2022-10-05

**ISO/TC 83     ECHIPAMENTE PENTRU SPORT SI RECREERE****ISO/DIS 4980**

Benefit-risk assessment for sports, for recreational and sports facilities including equipment  
dea: 2022-11-16

**ISO/TC 85     ENERGIE NUCLEARA****ISO/DIS 7753**

Nuclear criticality safety — Use of criticality accident alarm systems for operations  
dea: 2022-11-15

**ISO/TC 94 SECURITATEA PERSOANEI- ÎMBRACAMINTE SI ECHIPAMENTE DE PROTECTIE**

**ISO/DIS 11611**

Protective clothing for use in welding and allied processes  
dea: 2022-11-15

**ISO/TC 102 MINEREU DE FIER SI MINEREU DE FIER SARACIT  
ISO/DIS 8371**

Iron ores for blast furnace feedstocks — Determination of the decrepitation index  
dea: 2022-11-03

**ISO/TC 106 STOMATOLOGIE**

**ISO/DIS 14356**

Dentistry — Duplicating material  
dea: 2022-11-09

**ISO/TC 131 SISTEME HIDRAULICE SI PNEUMETICE**

**ISO/DIS 20145**

Pneumatic fluid power — Test methods for measuring acoustic emission pressure levels of exhaust silencers  
dea: 2022-10-31

**ISO/TC 134 ÎNGRASAMINTE - ÎN AȘTEPTARE**

**ISO/DIS 6650**

Fertilizers, Soil conditioners and Beneficial Substances — Simultaneous Determination of N-buthylthiophosphorus Triamide (NBPT) and Dicyandiamide (DCD) by High-performance Liquid Chromatography (HPLC)  
dea: 2022-11-08

**ISO/TC 142 ECHIPAMENT DE CURATIRE PENTRU AER SI ALTE GAZE**

**IEC/DIS 63086-2-1**

Household and similar electrical air cleaning appliances - Methods for measuring the performance — Part 2-1: Particular requirements for determination of reduction of particles  
dea: 2022-11-04

**ISO/TC 145 SIMBOLURI GRAFICE**

**ISO 7010:2019/DAmD 132**

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 132: Safety sign P075: Do not stare at light source  
dea: 2022-11-08

**ISO/TC 149 BICICLETE**

**ISO/DIS 6742-1**

Cycles — Lighting and retro-reflective devices — Part 1: Lighting and light signalling devices  
dea: 2022-11-07

**ISO/DIS 6742-2**

Cycles — Lighting and retro-reflective devices — Part 2: Retro-reflective devices  
dea: 2022-11-07

**ISO/DIS 6742-3**

Cycles — Lighting and retro-reflective devices — Part 3: Installation and use of lighting and retro-reflective devices  
dea: 2022-11-07

**ISO/DIS 6742-4**

Cycles — Lighting and retro-reflective devices — Part 4: Lighting systems powered by the cycle's movement  
dea: 2022-11-07

**ISO/DIS 6742-5**

Cycles — Lighting and retro-reflective devices — Part 5: Lighting systems not powered by the cycle's movement  
dea: 2022-11-07

**ISO/TC 159 ERGONOMIE**

**ISO/DIS 9241-221**

Ergonomics of human-system interaction — Part 221: Human-centred design process assessment model  
dea: 2022-11-14

**ISO/TC 172 OPTICA SI FOTONICA**

**ISO 9022-4:2014/DAmD 1**

Optics and photonics — Environmental test methods — Part 4: Salt mist — Amendment 1  
dea: 2022-10-26

**ISO/DIS 9022-23**

Optics and photonics — Environmental test methods — Part 23: Low pressure combined with cold, ambient temperature and dry or damp heat  
dea: 2022-10-26

**ISO/DIS 10109**

Optics and photonics — Guidance for the selection of environmental tests  
dea: 2022-10-28

**ISO/DIS 24013**

Optics and photonics — Lasers and laser-related equipment — Measurement of phase retardation of optical components for polarized laser radiation  
dea: 2022-11-09

**ISO/TC 184 SISTEME DE AUTOMATIZARI INDUSTRIALE SI STRUCTURI DE INTEGRARE**



**ISO/DIS 19450**

Automation systems and integration — Object-Process Methodology  
dea: 2022-11-03

**ISO/TC 190 CALITATEA SOLULUI****ISO/DIS 11267**

Soil quality — Inhibition of reproduction of Collembola (*Folsomia candida*) by soil contaminants  
dea: 2022-11-03

**ISO/TC 198 STERILIZAREA PRODUSELOR DE ÎNGRIJIREA SANATATII****ISO 11607-1:2019/DAmD 1**

Packaging for terminally sterilized medical devices — Part 1: Requirements for materials, sterile barrier systems and packaging systems — Amendment 1  
dea: 2022-10-25

**ISO 11607-2:2019/DAmD 1**

Packaging for terminally sterilized medical devices — Part 2: Validation requirements for forming, sealing and assembly processes — Amendment 1  
dea: 2022-10-25

**ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT****ISO/DIS 4273**

Intelligent transport systems — Automated braking during low speed manoeuvring (ABLS) — Requirements and test procedures  
dea: 2022-11-17

**ISO/DIS 18561-2**

Intelligent transport systems — Urban mobility applications via nomadic device for green transport management — Part 2: Functional requirements and specifications for trip and modal choice application  
dea: 2022-10-24

**ISO/TC 207 MANAGEMENTUL MEDIULUI****ISO 14050:2020/DAmD 1**

Environmental management — Vocabulary — Amendment 1  
dea: 2022-10-27

**ISO/DIS 14066**

Competence requirements for teams (including technical experts), and independent reviewers involved in the validation and verification of environmental information  
dea: 2022-11-01

**ISO/TC 213 SPECIFICATII SI VERIFICARI DIMENSIONALE SI GEOMETRICE ALE PRODUSELOR****ISO/DIS 4351**

Geometrical product specifications (GPS) — Association  
dea: 2022-11-08

**ISO/TC 261 FABRICATIA ADITIVA**

**ISO/ASTM DIS 52910**

Additive manufacturing — Design — Requirements, guidelines and recommendations

dea: 2022-11-09

**ISO/TC 296**

**ISO/DIS 6128**

Laminated products made of bamboo strips for indoor furniture purposes

dea: 2022-10-24

**ISO/TC 321**

**ISO/DIS 32110**

Transaction assurance in E-commerce — Vocabulary

dea: 2022-11-03

**ISO/TC 330**

**ISO/DIS 7581**

Method for the evaluation of basic bactericidal activity of a non-porous surface

dea: 2022-11-11